

TITLE 7 NATURAL RESOURCES & ENVIRONMENTAL CONTROL

DELAWARE ADMINISTRATIVE CODE

1

1100 Air Quality Management Section

1125 Requirements for Preconstruction Review

08/11/12 xx/xx/xx

1.0 General Provisions

1.9 Definitions - For the purposes of this regulation

“Significant”

(a) “Significant” means, in reference to a net emissions increase or the potential of a source to emit any of the following pollutants, a rate of emissions that would equal or exceed any of the following rates:

Pollutant and Emissions Rate

Carbon monoxide: 100 tons per year (TPY)

Nitrogen oxides: 40 TPY

Sulfur dioxide: 40 TPY

Particulate matter: 25 TPY

Ozone:

New Castle and Kent Counties - 25 TPY of either volatile organic compounds or nitrogen oxides *

Sussex County - 40 TPY of either volatile organic compounds or nitrogen oxides *

Lead: 0.6 TPY

Asbestos: 0.007 TPY

Beryllium: 0.0004 TPY

Mercury: 0.1 TPY

Vinyl chloride: 1 TPY

Fluorides: 3 TPY

Sulfuric acid mist: 7 TPY

Hydrogen sulfide (H₂S): 10 TPY

Total reduced sulfur (including H₂S): 10 TPY

Reduced sulfur compounds (including H₂S): 10 TPY

PM₁₀ particulate: 15 TPY

PM_{2.5}: 10 TPY of direct PM_{2.5} emissions; 40 TPY of sulfur dioxide emissions; 40 TPY nitrogen oxide emissions.

*Note: Increases in net emissions shall not exceed 25 tons per year in New Castle and Kent Counties, or 40 tons per year in Sussex, when aggregated with all other net increases in emissions from the source over any period of five consecutive calendar years which includes the calendar year in which such increases occur. No part of the five consecutive years shall extend before January 1, 1991.

(b) “Significant” means, in reference to a net emissions increase or the potential of a source to emit a pollutant subject to regulation under the CAA that (a) does not list, any emissions rate.

(c) Notwithstanding (a), “significant” means any emissions rate or any net emissions increase associated with a major stationary source or major modification, which would construct within ten kilometers of a Class I area, and have an impact on such area equal to or greater than one µg/m³, (24-hour average).
